

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Koiwai et al.

**Application No.:** 08/979,642

**Filed:** November 26, 1997

For: LENS BARREL HAVING A FLARE  
DIAPHRAGM WHICH CAN ADVANCE  
INTO AND RETREAT FROM THE  
OPTICAL PATH TO ELIMINATE  
DELETERIOUS LIGHT RESULTING  
FROM MOVEMENT OF THE LENS

Reissue of U.S. Patent No. 5,978,160

**Issued:** November 2, 1999

Our File: IPO-P1132.1

Date: October 25, 2001

**PRELIMINARY AMENDMENT**

Box REISSUE  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination and before calculation of the filing fee, please amend the application as follows.

**ON THE FACE PAGE OF THE PATENT**

Next to Section "[73] Inventors:", on the first line, delete "Akiruno".

Next to Section "[73] Inventors:", on the second line, after the word "Suzuki", delete "Tokyo".

Next to Section "[73] Inventors:", on the second line, before the word "Japan", insert -- Tokyo --.

Under Section "[30] Foreign Application Priority Data", delete "H8-326822" and insert therefor -- H8-316822 --.

Under Section "FOREIGN PATENT DOCUMENTS", the first reference cited, delete "60-164414" and insert therefor -- 60-194414 --.

### IN THE CLAIMS

Please add the following new claims, claims 24-26.

--24. A lens barrel comprising:

a plurality of lenses forming a photographic optical system;

a lens holding frame holding at least one of said lenses, said lens holding frame being movable along an optical axis of said lenses; and

a flare diaphragm formed by a flexible member disposed on one of an optical path of said lenses and in a vicinity thereof such that said flare diaphragm contacts one of said lenses and said lens holding frame so as to be deformed when said lens holding frame is moved in a given direction along the optical axis.

25. A lens barrel comprising:

a plurality of lenses forming a photographic optical system;

a lens holding frame holding at least one of said lenses, said lens holding frame being movable along an optical axis of said lenses; and

a flare diaphragm formed by a flexible member and provided as part of a frame other than said lens holding frame so that said flare diaphragm is disposed on one of an optical path of said lenses and in a vicinity thereof such that said flare diaphragm contacts one of said lenses and said lens holding frame so as to be deformed when said lens holding frame is moved in a given direction along the optical axis.

26. A lens barrel comprising:

lenses forming a photographic optical system;

a frame movable along an optical axis of said lenses; and

a flare diaphragm formed by a flexible member disposed on one of an optical path of said lenses and in a vicinity thereof such that said flare diaphragm contacts said frame to be deformed when said frame is moved in a given direction along the optical axis.--

### REMARKS

This Amendment sets forth the newly added claims 24-26 which cure the inoperativeness pointed out by the inventors in the accompanying Reissue Declarations, Powers of Attorney and Petitions.

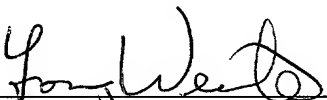
Claims 24-26 have been added to cover the subject matter not covered in the original Patent No. 5,978,160 as is recited in the inventors' Declarations. A marked-up copy of the added claims reflecting the details of the current amendments through underlining insertions and bracketing deletions is attached.

The amendments to the Face Page of the Patent have been set forth herein to conform to the amendments requesting a Certificate of Correction issued by the Patent Office, a copy of which is attached.

For the above reasons, it is submitted that this Amendment should be entered and made of record in the present re-issue application.

Respectfully submitted,

Koiwai et al.

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LW/fap  
Attachments (2)

**37 CFR §1.121(c)(1)(ii) CLAIM AMENDMENTS**  
**- MARKED UP VERSION**

24. A lens barrel comprising:  
a plurality of lenses forming a photographic optical system;  
a lens holding frame holding at least one of said lenses, said lens holding frame being  
movable along an optical axis of said lenses; and  
a flare diaphragm formed by a flexible member disposed on one of an optical path of  
said lenses and in a vicinity thereof such that said flare diaphragm contacts one of said lenses  
and said lens holding frame so as to be deformed when said lens holding frame is moved in  
a given direction along the optical axis.

25. A lens barrel comprising:  
a plurality of lenses forming a photographic optical system;  
a lens holding frame holding at least one of said lenses, said lens holding frame being  
movable along an optical axis of said lenses; and  
a flare diaphragm formed by a flexible member and provided as part of a frame other  
than said lens holding frame so that said flare diaphragm is disposed on one of an optical  
path of said lenses and in a vicinity thereof such that said flare diaphragm contacts one of  
said lenses and said lens holding frame so as to be deformed when said lens holding frame  
is moved in a given direction along the optical axis.

26. A lens barrel comprising:  
lenses forming a photographic optical system;  
a frame movable along an optical axis of said lenses; and  
a flare diaphragm formed by a flexible member disposed on one of an optical path of  
said lenses and in a vicinity thereof such that said flare diaphragm contacts said frame to be  
deformed when said frame is moved in a given direction along the optical axis.